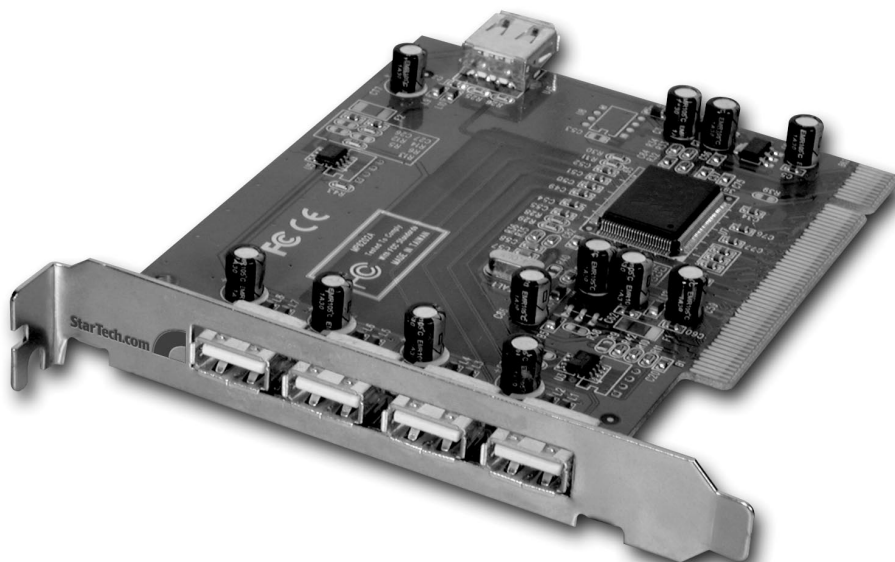# USB 2.0 CARD

2/4 Port PCI USB V2.0 Card

PCI220USB
PCI420USB

Instruction Guide

*Product may vary slightly from photo

StarTech.com

The Professionals' Source For Hard-to-Find Computer Parts

FCC COMPLIANCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

Table of Contents

Introduction

Thank you for purchasing a StarTech.com PCI USB 2.0 card. Now you can add two or four super-fast USB 2.0 ports to your computer. With speeds up to 480Mbps, this card allows you to easily connect and use high-performance USB peripherals like DVD drives, video conferencing cameras, or high resolution scanners. USB 2.0 is also backwards-compatible with USB 1.0/1.1, meaning your less demanding peripherals will still function perfectly with no adjustments.

Features

- Complies with USB 2.0 standards

- Reaches transfer speeds of up to 480Mbps (40x faster than USB 1.1)

- Backwards-compatible with USB 1.0/1.1

- Complies with Plug and Play standards

- Backed by StarTech.com's lifetime warranty

Before You Begin

To ensure a quick and easy card installation, please read through this section carefully before attempting to install the card.

WARNING! PCI cards, like all computer equipment, can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case or touching your PCI card. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds. Also be careful to handle the PCI card by its edges and not the gold connectors.

System Requirements

- An IBM PC or compatible computer running Windows 98/98SE/2000/ME/XP

- One empty PCI slot
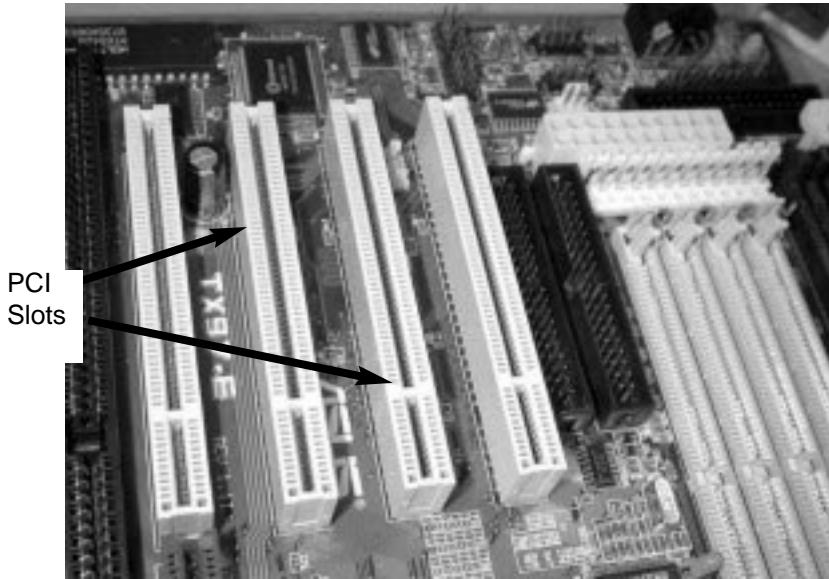
Contents

This package should contain:

- 1 x PCI USB V2.0 card

- 1 x driver disk

Installation

This section will guide you through the installation of your PCI card and the related software. Please read through the instructions carefully and complete each step in the order listed.

Installing the Card

1. Make sure that your system is unplugged and you are grounded.

2. Remove the cover of your system (see your computer's user manual for details, if necessary) and gently turn your computer onto its side.

3. Locate an empty PCI slot (usually white in colour) and remove the metal plate that covers the rear bracket. You may need a Phillips screwdriver to perform this step. **Hang on to the screw!** You will need it to secure the card later.

PCI Slots

4. Gently insert the card into the empty slot, making sure it is firmly seated.

5. Secure the card in place using the screw you removed in Step 3.

6. Put the computer case back on.

Driver Installation

If you lose your driver disk, the latest drivers can be downloaded from our website. Visit www.startech.com, click on the Downloads link and follow the instructions provided.

Windows Installation

NOTE: If possible, you should upgrade to **Windows XP** as it has been proven to work most effectively with USB 2.0 devices.

Since USB 2.0 is backwards compatible with previous versions of USB, you may need to install the drivers for USB 1.1 as well. Depending on your operating system and the configuration of your computer, the instructions below may not be identical to what you see on your screen.

Windows 98SE/ME

1. Windows will automatically detect your new hardware. At the "Add New Hardware" dialog box, click **Next**.

2. Select "Search for the best drivers for your device (Recommended)" and click **Next**.

3. Uncheck all the boxes and click **Next**.

4. Windows will find the driver for "NEC USB Open Host Controller." Click **Next**. You may be asked to provide your Windows installation CD at this point.

5. Click **Finish** to complete installation of the USB 1.1 drivers.

6. Windows will now detect "PCI Universal Serial Bus" which is the USB 2.0 host controller. At the "Add New Hardware Wizard" click **Next**.

7. Select "Search for the best driver for you device (Recommended)" and click **Next**.

8. Insert your driver disk into your disk drive.

9. In the dialog box, make sure that the proper drive is check and click **Next**.

10. When Windows has detected the driver, click **Next**.

11. Click **Finish** to complete the installation.

Windows 2000/XP

Browse to the Windows update website at:
http://windowsupdate.microsoft.com/

Mac OS X

Mac OS X offers built-in support for USB 2.0. There are no drivers to install. To ensure maximum performance from your USB 2.0 card, make sure that your version of OS X is kept up to date with the latest patches and upgrades.

Technical Support

The following technical resources are available for this StarTech.com product:

On-line help:

We are constantly adding new information to the *Tech Support* section of our web site. To access this page, click the *Tech support* link on our homepage, **www.startech.com**. In the tech support section there are a number of options that can provide assistance with this card.

Knowledge Base - This tool allows you to search for answers to common issues using key words that describe the product and your issue.

FAQ - This tool provides quick answers to the top questions asked by our customers.

Downloads - This selection takes you to our driver download page where you can find the latest drivers for this product.

Call StarTech.com tech support for help: **1-519-455-4931**
Support hours: Monday to Friday 9:00AM to 5:00PM EST (except holidays)

Warranty Information

This product is backed by a lifetime warranty. In addition StarTech.com warrants its products against defects in materials and workmanship for the periods noted below, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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